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acted by the circulating blood, before the existence of the *Umbilical Vessels*, or before the connecting of the *Fœtus* with the *Uterus*? A new Experiment to prove, that the *Chyle* is not transmuted into *Blood* by the *Liver*. A discourse of the Nature of the *Blood*, and what difference there is between the *Venal* and *Arterial* blood, and for what Uses both the one and the other are particularly designed. Where it is considered, what *Life* is, and whence the *Soul* of *Brutes*, and its subsistence, and operations do depend. It is also inquired into, what the uses of the *Lungs* are in *hot* Animals? And many other such material disquisitions are to be found in this small, but very Ingenious and Learned Treatise.

*A Note touching a Relation, inserted in the last Transactions.*

In the Experiment of killing *Rattle-Snakes*, mentioned in the last of the precedent Papers (wherein, by a mistake, these words, *The way*, were put for *A way*, or *An Experiment*) it should have been added, that the Gentleman there mention'd, did affirm, that, in those places, where the *Wild Penny-Royal* or *Dittany* grows, no *Rattle-Snakes* are observed to come.

*Errata.*

P Ag. 59. line 11. read, *bignesses*, l. 20. r. *endure*, for, *resist*. l. 30. r. *those*, for, *these*. l. 31. r. *Plain*, for, *place*.

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L O N D O N,

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